

Title (en)

DOUBLE LAYER HIGH POWER CAPACITOR COMPRISING A LIQUID ORGANIC ELECTROLYTE

Title (de)

DOPPELSCHICHT-SUPERKONDENSATOR MIT FLÜSSIGEM ORGANISCHEM ELEKTROLYT

Title (fr)

SUPERCONDENSATEUR DU TYPE DOUBLE COUCHE COMPRENANT UN ELECTROLYTE ORGANIQUE LIQUIDE

Publication

**EP 0970496 A1 20000112 (FR)**

Application

**EP 98906976 A 19980205**

Priority

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Abstract (en)

[origin: US6671166B1] The invention concerns a high power capacitor ideally polarizable consisting of a positive electrode (2) and its current collector (4), a negative electrode (3) and its current collector (5), said electrodes comprising a carbon containing material with high specific surface area, a separator (6) and a non-aqueous liquid electrolyte impregnating said separator and said electrodes. The invention is characterised in that the non-aqueous liquid electrolyte is an organic solution of a sodium or potassium or alkalin-earth metal salt, on their own or mixed in a solvent containing an acid.

IPC 1-7

**H01G 9/038**; **H01G 9/058**

IPC 8 full level

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